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Attorney Docket No.: 21101.0054U3

Application No.: 10/584,640

Sheet 1 of 7

03/24/2009

**INFORMATION DISCLOSURE
STATEMENT LIST**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/584,640
Filing Date	1/10/2005
First Named Inventor	Bock, Susan
Group Art Unit	1656
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	A1	5,204,253	04/20/1993	Sanford et al.	435	459	
	A2	5,420,252	05/30/1995	Kato et al.	530	393	
	A3	5,618,713	04/08/1997	Zettlemessl et al.	435	226	
	A4	5,700,663	12/23/1997	Zettlemessl et al.	435	69.6	
	A5	5,843,705	12/01/1998	DiTullio et al.	800	7	
	A6	5,876,433	03/02/1999	Lunn et al.	623	001	
	A7	6,878,813	04/12/2005	Bock et al.	530	393	
	A8	2006/0259987	11/16/2006	Bock et al.			

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
	A9	EP 0 568 833 A1	11/10/1993	Eisai Co. Ltd.	
	A10	EP 0 809 999 A1	12/03/1997	Ethicon Inc.	
	A11	WO 90/09737	07/09/1990	Blood Research Center	
	A12	WO 91/00291	01/10/1991	Akzo	
	A13	WO 95/05853	03/02/1995	Carson et al.	
	A14	WO 95/19799	07/27/1995	McCabe	
	A15	WO 99/58098	11/18/1999	Bock et al.	
	A16	WO 03/101398 A2	12/11/2003	University of Utah Research Foundation	

NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
	A17	Ali, M., Mazur, W., Kleinman, N., Rodgers, G., Abukhalil, J., French, B., and Rainzer, A. (1996) Inhibition of coronary restenosis by antithrombin III in atherosclerotic swine Coronary Artery Dis. 7:851-61.
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	A21	Bayston, T., Tripodi, A., Mannucci, P., Thompson, E., Ireland, H., Fitches, A., Hananeia, L., Olds, R., and Lane, D. (1999) Familial overexpression of beta antithrombin caused by an Asn135Thr substitution Blood 93:4242-7.

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A22	Begovac, P., Thomson, R., Fisher, J., Hughson, A., and Gallhagen, A. (2003) Improvements in GORE-TEX vascular graft performance by Carmeda bioactive surface heparin immobilization Eur. J. Vasc. and Endovasc. Surg. 25:432-7.
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A42	deAgostini, A., Watkins, S., Slayter, H., Youssoufian, H., and Rosenberg, R. (1990) Localization of anticoagulant active heparan sulfate proteoglycans in vascular endothelium: Antithrombin binding on cultured endothelial cells and perfused rat aorta J. Cell Biol. 111:1293-1304.
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	A59	HajMohammadi, S., Enjoji, K., Princivale, M., Christi, P., Lech, M., Beeler, D., Rayburn, H., Schwartz, J., Barzegar, S., Agostini, A. d., Post, M., Rosenberg, R., and Shworak, N. (2003) Normal levels of anticoagulant heparan sulfate are not essential for normal hemostasis J. Clin. Invest. 111:989-99.	
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	A61	Harker, L., Kelly, A., and Hanson, S. (1991) Experimental arterial thrombosis in nonhuman primates Circulation 83 (Suppl. IV), 41-55.	
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	A78	Kurachi et al. "Inhibition of bovine factor IXa and factor Xabeta by antithrombin III." Biochemistry. 1976 15(2):373-7.	
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A97	Olson et al. "Role of the antithrombin-binding pentasaccharide in heparin acceleration of antithrombin-proteinase reactions. Resolution of the antithrombin conformational change contribution to heparin rate enhancement." J. Biol. Chem. 1992 267(18):12528-38.		
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A107	Rao et al. "Binding of factor VIIa to tissue factor permits rapid antithrombin III/heparin inhibition of factor VIIa." Blood. 1993 81(10):2600-7.		
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A110	Rothenburger, M., Wilhelm, M., Hammel, D., Schmidt, C., Tjan, T., Bocker, D., Scheld, H., and Schmid, C. (2002) Treatment of thrombus formation associated with the MicroMed DeBakey VAD using recombinant tissue plasminogen activator Circulation 106 [suppl I], I-189-192.		
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A112	Ruf and Mueller, "Tissue factor in cancer angiogenesis and metastasis." Curr. Opin. Hematol. 1996 3(5):379-84.		

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	A113	Schreuder, H., deBoer, B., Dijkema, R., Mulders, J., Theunissen, H., Grootenhuis, P., and Hol, W. (1994) The intact and cleaved human antithrombin III complex as a model for serpin-proteinase interactions Struct Biol 1:48-54.	
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	A118	Tejada, M.L. and Deeley, R.G. "Cloning of an avian antithrombin: developmental and hormonal regulation of expression." Thromb. Haemost. 1995 73(4):654-661.	
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	A123	Varga et al. "Infectious entry pathway of adenovirus type 2." J. Virol. 1991 65(11):6061-70.	
	A124	Vinazzer, Clin. Appl. Thrombosis/Hemostasis. 1995 1:62-5.	
	A125	Warren et al. "High-dose antithrombin III in severe sepsis: a randomized controlled trial." JAMA. 2001 286(15):1869-78.	
	A126	Weitz, J. (2003) Heparan sulfate: Antithrombotic or not? J. Clin. Invest. 111:952-4.	
	A127	Wilczynska, M., Fa, M., Ohlsson, P.-I., and Ny, T. (1995) The inhibition mechanism of serpins. Evidence that the mobile reactive center loop is cleaved in the native protease-inhibitor complex J Biol Chem 270:29652-5.	
	A128	Witmer, M., and Hatton, M. (1991) Antithrombin III-beta associates more readily than antithrombin III-alpha with uninjured and de-endothelialized aortic wall in vitro and in vivo Arteriosclerosis and Thrombosis 11:530-9.	
	A129	Wolff et al. "Direct gene transfer into mouse muscle in vivo." Science. 1990 247(4949 Pt 1):1465-8.	
	A130	Wong, P., Crain, E., O, O. N., Watson, C., and Racanelli, A. (1996) Antithrombotic actions of selective inhibitors of blood coagulation factor Xa in rat models of thrombosis Thromb Res. 83:117-26.	
	A131	Zendehrouh, Ph.D. Dissertation, "Novel proteinase inhibitors for use in treatment of sepsis." Temple Univ. School of Medicine, publically available at the Univeristy of Michigan dissertation archive in 1999.	

Examiner Signature: /Hope Robinson/	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Initials	Attorney Docket Number	Application Number	Inventor / Applicant	Application Filing Date	Document	Date of Document
	21101 0021P1	PCT/US03/17506	Bock et al.	6/2/2003	Notification of Transmittal of the International Search Report or the Declaration	3/17/2005

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	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Certificate of Correction - Post Issue Communication	3/13/2007
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Request for Certificate of Correction	12/28/2006
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Certificate of Correction - Post Issue Communication	10/17/2006
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Request for Certificate of Correction	10/3/2006
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Notice of Allowance and Fees Due (PTOL-85)	11/8/2004
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Examiner Interview Summary Record (PTOL - 413)	8/26/2004
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Amendment - After Non-Final Rejection	8/11/2004
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Examiner Interview Summary Record (PTOL - 413)	7/27/2004
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Non-Final Rejection	4/8/2004
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Preliminary Amendment	8/19/2003
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Preliminary Amendment	10/11/2002
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Preliminary Amendment	12/11/2001
	21101.0004U3	10/014,658	Bock et al.	12/11/2001	Preliminary Amendment	12/11/2001

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	21101.0054P1	PCT/US05/00843	Bock et al.	1/10/2005	International Search Report	12/27/2005
	21101.0054P1	PCT/US05/00843	Bock et al.	1/10/2005	Written Opinion	12/27/2005
	21101.0054P1	PCT/US05/00843	Bock et al.	1/10/2005	International Preliminary Report on Patentability	7/10/2006

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Initials	Attorney Docket Number	Application Number	Inventor / Applicant	Application Filing Date	Document	Date of Document
	21101.0054EP1	05705482.7	Bock et al.	1/10/2005	Amended Claims	11/20/2008
	21101.0054EP1	05705482.7	Bock et al.	1/10/2005	Supplementary European Search Report	8/1/2008

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	21101.0004U2	09/305,588	Bock et al.	5/5/1999	Notice of Abandonment	6/4/2002
	21101.0004U2	09/305,588	Bock et al.	5/5/1999	Interview Summary	10/26/2001
	21101.0004U2	09/305,588	Bock et al.	5/5/1999	Final Rejection	6/12/2001
	21101.0004U2	09/305,588	Bock et al.	5/5/1999	Response to Amendment	4/5/2001
	21101.0004U2	09/305,588	Bock et al.	5/5/1999	Amendment - After Non-Final Rejection	12/5/2000
	21101.0004U2	09/305,588	Bock et al.	5/5/1999	Response to Restriction Requirement	11/6/2000
	21101.0004U2	09/305,588	Bock et al.	5/5/1999	Restriction Requirement	10/4/2000

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	21101.0004AUT	41868/99	Bock et al.	5/12/1999	Examination Report	3/19/2002

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	21101.0021EP1	03756385.5	Bock et al.	6/2/2003	Examination Report	9/1/2008
	21101.0021EP1	03756385.5	Bock et al.	6/2/2003	Supplementary Parital European Search Report	10/10/2007
	21101.0021EP1	03756385.5	Bock et al.	6/2/2003	Supplementary Parital European Search Report	7/24/2007
	21101.0021EP1	03756385.5	Bock et al.	6/2/2003	Amended Claims	2/18/2005

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Initials	Attorney Docket Number	Application Number	Inventor / Applicant	Application Filing Date	Document	Date of Document
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Notice of Allowance	9/8/2008
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Notice of Allowability	9/8/2008
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Response to Notice of Non-Compliant Amendment	7/10/2008
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Notice of Non-Compliant Amendment	6/10/2008
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Response to Amendment	5/9/2008
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Non-Final Rejection	11/9/2007
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Response to Election / Restriction Filed	9/17/2007
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Requirement for Restriction/Election	7/17/2007
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Preliminary Amendment	3/13/2006
	21101.0021U2	10/516,662	Bock et al.	3/13/2006	Preliminary Amendment	11/30/2004

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	21101.0004P1	PCT/US99/10549	Bock et al.	5/12/1999	International Search Report	4/0/2000

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	21101.0004EP1	99925618.3	Bock et al.	5/12/1999	Examination Report	7/24/2008
	21101.0004EP1	99925618.3	Bock et al.	5/12/1999	Response to Examination Report	8/21/2006
	21101.0004EP1	99925618.3	Bock et al.	5/12/1999	Examination Report	2/10/2006
	21101.0004EP1	99925618.3	Bock et al.	5/12/1999	Supplementary Partial European Search Report	7/4/2003